


PTO/SB/17 (10-03)

Approved for use through 7/31/2005. OMB 0651-0032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>FEE TRANSMITTAL for FY 2004</b>				<b>Complete if Known</b>																																																																																																																																																																																			
Effective 10/01/2003, Patent fees are subject to annual revision.				Application Number <b>10/694,793-Conf. #6060</b>																																																																																																																																																																																			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				Filing Date <b>October 29, 2003</b>																																																																																																																																																																																			
<b>TOTAL AMOUNT OF PAYMENT (\$)</b> 130.00				First Named Inventor <b>Katherine L. Saenger</b>																																																																																																																																																																																			
				Examiner Name <b>Not Yet Assigned</b>																																																																																																																																																																																			
				Art Unit <b>2812</b>																																																																																																																																																																																			
				Attorney Docket No. <b>20140-00312-US1</b>																																																																																																																																																																																			
<b>METHOD OF PAYMENT (check all that apply)</b>				<b>3. ADDITIONAL FEES</b>																																																																																																																																																																																			
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposits to Account: Deposit Account Number <b>50-0510</b> Deposit Account Name <b>IBM CORPORATION (YORKTOWN)</b> The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>130.00</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1806</td><td>1,840*</td><td>1806</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>850</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1808</td><td>180</td><td>1808</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.128(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.128(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath	130.00	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1806	1,840*	1806	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	850	2253	475	Extension for reply within third month		1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1808	180	1808	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.128(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.128(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application	
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																		
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																				
1051	130	2051	65	Surcharge - late filing fee or oath	130.00																																																																																																																																																																																		
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																			
1053	130	1053	130	Non-English specification																																																																																																																																																																																			
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																			
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																			
1806	1,840*	1806	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																			
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																			
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																			
1253	850	2253	475	Extension for reply within third month																																																																																																																																																																																			
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																																			
1255	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																																			
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																			
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																			
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																			
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																			
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																			
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																			
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																			
1502	480	2502	240	Design issue fee																																																																																																																																																																																			
1503	640	2503	320	Plant issue fee																																																																																																																																																																																			
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																			
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																			
1808	180	1808	180	Submission of Information Disclosure Stmt																																																																																																																																																																																			
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																			
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.128(a))																																																																																																																																																																																			
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.128(b))																																																																																																																																																																																			
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																			
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																			
<b>1. BASIC FILING FEE</b>																																																																																																																																																																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee																																																																																																																																													
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																		
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																				
1001	770	2001	385	Utility filing fee																																																																																																																																																																																			
1002	340	2002	170	Design filing fee																																																																																																																																																																																			
1003	530	2003	265	Plant filing fee																																																																																																																																																																																			
1004	770	2004	385	Reissue filing fee																																																																																																																																																																																			
1005	160	2005	80	Provisional filing fee																																																																																																																																																																																			
<b>SUBTOTAL (1) (\$)</b> 0.00																																																																																																																																																																																							
<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>																																																																																																																																																																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Total Claims</th> <th colspan="2">Extra Claims</th> <th colspan="2">Fee from below</th> <th colspan="2">Fee Paid</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Independent Claims</td> <td></td> <td>** =</td> <td></td> <td>x</td> <td></td> <td>=</td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td>** =</td> <td></td> <td>x</td> <td></td> <td>=</td> <td></td> </tr> </tbody> </table>				Total Claims		Extra Claims		Fee from below		Fee Paid										Independent Claims		** =		x		=		Multiple Dependent		** =		x		=																																																																																																																																																					
Total Claims		Extra Claims		Fee from below		Fee Paid																																																																																																																																																																																	
Independent Claims		** =		x		=																																																																																																																																																																																	
Multiple Dependent		** =		x		=																																																																																																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>260</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>88</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	86	2201	43	Independent claims in excess of 3		1203	260	2203	145	Multiple dependent claim, if not paid		1204	88	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																													
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																		
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																				
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																			
1201	86	2201	43	Independent claims in excess of 3																																																																																																																																																																																			
1203	260	2203	145	Multiple dependent claim, if not paid																																																																																																																																																																																			
1204	88	2204	43	** Reissue independent claims over original patent																																																																																																																																																																																			
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																			
<b>SUBTOTAL (2) (\$)</b> 0.00																																																																																																																																																																																							
** or number previously paid, if greater; For Reissues, see above																																																																																																																																																																																							
				<b>Other fee (specify)</b>																																																																																																																																																																																			
				<b>SUBTOTAL (3) (\$)</b> 130.00																																																																																																																																																																																			
				*Reduced by Basic Filing Fee Paid																																																																																																																																																																																			
<b>SUBMITTED BY</b>																																																																																																																																																																																							
Name (Print/Type) <b>Matthew J. Mason</b>				Registration No. (Attorney/Agent) <b>44,904</b>																																																																																																																																																																																			
Signature 				Telephone <b>(202) 331-7111</b>																																																																																																																																																																																			
				Date <b>March 19, 2004</b>																																																																																																																																																																																			

YOR920030376US1

(20140/00312)

Page 1 of 2

## DECLARATION FOR PATENT APPLICATION

### English Language Declaration

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### FIELD EFFECT TRANSISTOR WITH ELECTROPLATED METAL GATE

the specification of which

☒ is attached hereto.

☐ was filed on ☐, as United States Patent Application Serial No. or PCT International Application Number ☐, and was amended on ☐ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR § 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

			Priority Claimed	
(Application No.)	(Country)	(Day/Month/Year Filed)	YES	NO
(Application No.)	(Country)	(Day/Month/Year Filed)	YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>
(Application No.)	(Country)	(Day/Month/Year Filed)	YES	NO

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

_____ (Application Serial No.)	_____ (Filing Date)
_____ (Application Serial No.)	_____ (Filing Date)
_____ (Application Serial No.)	_____ (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by 35 U.S.C. § 112, first paragraph, I acknowledge the duty to disclose material information as defined in 37 CFR § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Serial No.)	_____ (U.S. Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (U.S. Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (U.S. Filing Date)	_____ (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued t

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: *(list name and registration number)*

Manny W. Schecter, Reg. No. 31,722; Kevin M. Jordan, Reg. No. 40,277, Christopher A. Hughes, Reg. No. 26,914, John E. Hoel, Reg. No. 26,279; Joseph C. Redmond, Jr., Reg. No. 18,753; Douglas W. Cameron, Reg. No. 31,596; Wan Yee Cheung, Reg. No. 42,410; Thu Ann Dang, Reg. No. 41,544; Timothy M. Farrell, Reg. No. 37,321; Louis P. Herzberg, Reg. No. 41,500; Derek S. Jennings, Reg. No. 41,473; Stephen C. Kaufman, Reg. No. 29,551; Richard M. Ludwin, Reg. No. 33,010; Daniel P. Morris, Reg. No. 32,053; Alison D. Mortinger, Reg. No. 39,306; Louis J. Percello, Reg. No. 33,206, Robert M. Trepp, Reg. No. 25,933 and Gail H. Zarick, Reg. No. 43,303, all of INTERNATIONAL BUSINESS MACHINES CORPORATION.

Send Correspondence to:

**Customer No. 030678**  
**(Connolly Bove Lodge & Hutz**  
**P.O. Box 19088**  
**Washington, D.C. 20036-3425 U.S.A.)**

and Direct Telephone Calls to:

**Burton A. Amernick, Reg. No. 24,852**  
**202-331-7111**

Full name of sole or first inventor Katherine L. SaengerInventor's Signature Katherine L. SaengerDate 10/21/03Residence Address 115 Underhill Road, Ossining, NY 10562Citizenship USAPost Office Address Same as aboveFull name of second joint inventor (if any) Cyril Cabral Jr.Inventor's Signature Cyril Cabral Jr.Date 10/21/03Residence Address 4 Sherman Place, Ossining, NY 10562Citizenship USAPost Office Address Same as aboveFull name of third joint inventor (if any) Emanuel I. CooperInventor's Signature Emanuel I. CooperDate 10/21/03Residence Address 25 Atherstone Road, Scarsdale, NY 10583Citizenship USAPost Office Address Same as aboveFull name of fourth joint inventor (if any) Hariklia DeligianniInventor's Signature Hariklia DeligianniDate 10/22/03Residence Address 6 Lancaster Road, Tenafly, NJ 07670Citizenship USAPost Office Address Same as aboveFull name of fifth joint inventor (if any) Panayotis AndricacosInventor's Signature Panayotis AndricacosDate 01/22/04Residence Address 807 Half Moon Bay Drive, Croton on Hudson, NY 10520Citizenship GreecePost Office Address Same as aboveFull name of sixth joint inventor (if any) Philippe M. VereeckenInventor's Signature Philippe M. VereeckenDate 10/21/03Residence Address 48 New Broadway, Sleepy Hollow, NY 10591Citizenship BelgiumPost Office Address Same as above